

4415802

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Akihiko EBINA, Yutaka MARUO

Application No.: New U.S. Patent Application

J1046 U.S. PTO
10/052549
01/23/02



Filed: January 23, 2002

Docket No.: 111779

For: SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE INCLUDING NONVOLATILE SEMICONDUCTOR MEMORY DEVICES

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of reference 12 is discussed in the present specification.
- 3. English-language translations of references 9-11 are attached hereto.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565

JAO:EDM/cmm
Date: January 23, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461

NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400
Facsimile: (703) 836-2787

Attorney Docket No.: 111779

Date: January 23, 2002

BOX PATENT APPLICATION

Customer Number: 25944

**NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)**

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

- For (Title): SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE INCLUDING NONVOLATILE
SEMICONDUCTOR MEMORY DEVICES

By (Inventors): Akihiko EBINA, Yutaka MARUO

Formal drawings (Figs. 1-16; 11 sheets) are attached.
 Use Figure for front page of Publication.

A Declaration and Power of Attorney is filed herewith.

This patent application is assigned to 1) Seiko Epson Corporation 2) Halo LSI Design & Device Technology, Inc.
 The executed Assignment is filed herewith.

An Information Disclosure Statement is filed herewith.

Entitlement to small entity status is hereby asserted.

A Preliminary Amendment is filed herewith.

Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. _____, filed _____.

Priority of foreign application No. 2001-21930 filed January 30, 2001 in Japan is claimed (35 U.S.C. §119).
 A certified copy of the above corresponding foreign application is filed herewith.

This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	12 - 20	= 0*
INDEP CLAIMS	1 - 3	= 0*
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

SMALL ENTITY

RATE	FEES
	\$ 370
x 9 =	\$
x 42 =	\$
+ 140 =	\$
TOTAL	\$

**OTHER THAN A
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OR		\$ 740
OR	x 18	\$ ----
OR	x 84	\$ ----
OR	+ 280	\$ ----
OR	TOTAL	\$ 740

Check No. 127117 in the amount of \$740.00 to cover the filing fee is attached. Except as otherwise noted herein, the Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565